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PTO/SB/17 (01-06)
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Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number Complete if Known rsuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). Application Number 10/554,316 FEE TRANSMITTAL October 24, 2005 Filing Date For FY 2006 Gregory P. CARMAN et al. First Named Inventor **Examiner Name** Not Yet Assigned Applicant claims small entity status. See 37 CFR 1.27 Not Yet Assigned Art Unit 58086-224991 TOTAL AMOUNT OF PAYMENT Attorney Docket No 0.00 METHOD OF PAYMENT (check all that apply) Credit Card Money Order None Other (please identify): Check Venable LLP x Deposit Account Deposit Account Number: 22-0261 Dep For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayment of x Credit any overpayments fee(s) under 37 CFR 1.16 and 1.17 FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.) 1. BASIC FILING, SEARCH, AND EXAMINATION FEES SEARCH FEES FILING FEES **EXAMINATION FEES** Small Entity Small Entity Application Type Fee (\$) Fee (\$) Fee (\$) Fee (\$) Fees Pald (\$) Fee (\$) Fee (\$) 300 200 Utility 150 500 250 100 130 Design 200 100 100 50 65 Plant 200 100 300 150 160 80 300 150 500 250 600 300 Reissue Provisional 200 100 ٨ ٨ ٨ Small Entity Fee (\$) 2. EXCESS CLAIM FEES Fee (\$) Fee Description Each claim over 20 (including Reissues) 50 25 Each independent claim over 3 (including Reissues) 200 100 Multiple dependent claims 360 180 Fee Paid (\$) Multiple Dependent Claims **Total Claims** Extra Claims Fee (\$) - 20 = Fee (\$) Fee Pald (\$) HP = highest numer of total claims paid for, if greater than 20. Fee Pald (\$) HP = highest numer of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) /50 (round up to a whole number) x 4. OTHER FEE(S) Fees Paid (\$) Non-English Specification. \$130 fee (no small entity discount) Other (e.g., late filing surcharge): SUBMITTEO BY Registration No Signatura 47.070 Telephone (202) 344-4295 (Attorney/Agent) Name (Print/Type) Steven J. Schwarz Date February 24, 2006 727017



Docket No.: 58086-224991

(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Gregory P. CARMAN et al.

Application No.: 10/554,316 Confirmation No.: Not Yet Assigned

Filed: October 24, 2005 Art Unit: Not Yet Assigned

For: MICROMEMBRANE ACTUATOR Examiner: Not Yet Assigned

## INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed more than three months after the date of entry of the national stage of a PCT application, but before the mailing date of a First Office Action on the merits. Therefore, no fee is believed to be due for the filing of this Information Disclosure Statement.

Copies of the fourteen (14) references listed on the attached PTO/SB/08A are submitted herewith.

Application No.: 10/554,316 Docket No.: 58086-224991

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0261, under Order No. 58086-224991. A duplicate copy of this paper is enclosed.

Dated: 08 84 8006

Respectfully submitted,

Steven J. Schwarz

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PTO/SB/08a/b (07-05)
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Substitute for form 1449A/B/PTO				Complete if Known		
				Application Number	10/554,316	
l Ir	NFORMATIO	N DI	SCLOSURE	Filing Date	October 24, 2005	
STATEMENT BY APPLICANT				First Named Inventor	Gregory P. Carman	
-				Art Unit	Not Yet Assigned 3746	
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NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	т	2				
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Examiner	/Dovanesh Kasture/	Date	08/07/2008
Signature	/Dilyanosh Nasiaro/	Considered	00/0//2000